Technical Product Overview

Stadium: New Quality Preservation Tool for Potatoes in Storage

TECHNICAL FIT

Stadium™ is a new postharvest fungicide used to prevent the spread of silver scurf and Fusarium dry rot on potato tubers in storage. Stadium contains the active ingredients fludioxonil, azoxystrobin and difenoconazole.

MODES OF ACTION

Stadium combines three active ingredients with three different modes of action.

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>Mode of Action</th>
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<tbody>
<tr>
<td>Fludioxonil</td>
<td>Phenylpyrrole - FRAC Resistance Management Group 12</td>
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<tr>
<td>Azoxystrobin</td>
<td>Strobilurin - FRAC Group 11</td>
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<tr>
<td>Difenoconazole</td>
<td>Sterol biosynthesis inhibitor - FRAC Group 3</td>
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TECHNICAL FEATURES

• Broad spectrum fungicide controlling silver scurf and Fusarium dry rot in storage potatoes.
• Multiple modes of action for built-in resistance management plus efficacy under varied storage conditions.
• Low use rate.
• Excellent crop tolerance.
SPECTRUM OF ACTIVITY

• Stadium controls Fusarium dry rot (caused by various *Fusarium spp.*) and prevents the spread of silver scurf (*Helminthosporium solani*) on potatoes in storage.

• Black dot (*Colletotrichum coccodes*) will not be effectively controlled with postharvest applications of Stadium.

• Stadium is **not** registered for use on seed potatoes or seed pieces.

BEST USE PRACTICES

Potato storage conditions are harsh. Dirt, bruising and varied temperatures combine to increase potatoes’ susceptibility to decay. Follow these best practices to preserve potatoes in storage.

• Apply a fungicide product with multiple active ingredients and modes of action, such as Stadium, to maximize the potential for extended decay prevention in potato storage.

• Do not return culls to the field. This will help minimize the risk of fungicide resistance developing.

• Thorough spray coverage is important with any potato storage fungicide application. To provide the best decay prevention, clean dirt and debris from potatoes as thoroughly as possible and ensure complete coverage and uniform application of Stadium to the potato skin as tubers enter storage.

• Apply Stadium as a dilute spray of 1 fl oz of product in approximately 0.5 gallons of water carrier per 2,000 lbs of tubers. Make applications when potatoes are in a single layer and tumbling as they drop from belt to belt or onto the piler.

Varieties TESTED

Stadium has been tested on the following varieties of potatoes.

- Chieftain
- Umatilla Russet
- NorValley
- Atlantic (BG)
- Russet Burbank
- Russet Norkotah
- Western Russet
- Snowden
- Katahdin
- Yukon Gold
- FL1879
- Dark Red Norland